

Claims

1. An arrangement for forming a communications network, characterized in that the arrangement comprises modules, each module handling forming of a certain physical or logical part of the network concerning a specific technology, a set of the modules, selected to form the network together, the set of the modules arranged to be one on top of another, each module in the set interacting with the module above by offering resources to it, and with the module below by using resources from it.
2. An arrangement according to claim 1, characterized in that the set of the modules in use are selectable depending on the network structure.
3. An arrangement according to claim 1 or 2, characterized in that a module is capable to form several physical or logical parts.
4. An arrangement according to claim 1, characterized in that routing is performed in a single module in the set at a time, and the interactions between modules in the set transfer the routing performed for the use of other modules, in a way that the routes in the modules above the bottom module are found in the bottom module.
5. A method for forming a communications network, characterized in that method comprises the steps of:
- modeling the network into several functional levels on top of one another, each level representing a certain physical or logical part of the network concerning a specific technology,
- forming each functional level in specific modules, the specific module corresponding to the specific level,
- the specific module interacting with the module corresponding to the layer above by offering resources to it, and with the module corresponding to the layer below by using resources from it.
6. A method according to claim 5, characterized in that routing is performed in a single module at a time, and the interactions between modules transfer the routing performed for the use of other modules.

10028950.121801